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**10**/5886050: 2818

**PATENT** 

## 'AP20 Rec'd PCT/PTO 0 7 AUG 2006

Docket No.: 074782-0022

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Customer Number: 20277

Tohru SAITOH, et al. : Confirmation Number: Not Yet Assigned

Application No.: Not Yet Assigned : Group Art Unit: Not Yet Assigned

Filed: August 07, 2006 : Examiner: Not Yet Assigned

For: SEMICONDUCTOR NANOWIRE AND SEMICONDUCTOR DEVICE

INCLUDING THE NANOWIRE

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed with the application and no certification or fee is required.

Copies of the foreign search reports are attached for the Examiner's information.

Please note this is a PCT application in the entry of the National Phase in the U.S. and copies of the references cited were transmitted by WIPO and are believed to be in the file of the above identified application and readily available to the Examiner. Therefore it is

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believed that Applicants have met all requirements regarding duty of disclosure under 37 CFR 1.56. Acknowledgement and consideration of these documents are respectfully requested.

Please note this is a PCT application in the entry of the National Phase in the U.S. However, to ensure that these references are available to the Examiner, we are providing copies of these references herewith. Since the Search Reports were from the JPO and EPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above identified application and readily available to the Examiner.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP

Please recognize our Customer No. 20277

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as our correspondence address.

:AP20 Rec'd PCT/PTO a Sublig 2006 2818 date: 08/07/2006 INFORMATION DISCLOSURE ATTY. DOCKET NO. Not Yet Assigned 10/588605 074782-0022 CITATION IN AN APPLICATION APPLICANT Tohru SAITOH, et al. FILING DATE **GROUP** (PTO-1449) **Not Yet Assigned** August 07, 2006 U.S. PATENT DOCUMENTS EXAMINER'S CITE Document Number Publication Date Name of Patentee or Applicant of Cited Pages, Columns, Lines, Where **INITIALS** MM-DD-YYYY Document Relevant Passages or Relevant Number-Kind Code<sub>2</sub> (it known) Figures Appear US 2002/0130311 A1 09/19/2002 Lieber et al. Corresponds to JP 2004-/A.H./ 507104 /A.H./ US 2002/0163079 A1 11/07/2002 Awano 2003/0089899 A1 /A.H./ US 05/15/2003 Lieber et al. US 2004/0005723 A1 01/08/2004 Empedocles et al. /A.H. US 2005/0142766 A1 06/30/2005 Hareland et al. /A.H./ FOREIGN PATENT DOCUMENTS **EXAMINER'S** Foreign Patent Document Name of Patentee or Publication Date Pages, Columns, Lines Translation INITIALS Country Code3 -Number 4 -Kind Applicant of Cited Document Where Relevant CITE MM-DD-YYYY Codes (if known) Figures Appear Yes Nο NO. JP 2004-507104 03/04/2004 PRESIDENT AND Corresponds to **English** /A.H./ US 2002/0130311 **FELLOWS OF Abstract** HARVARD COLLEGE Only Δ1 JP 2005-510711 04/21/2005 SONY Corresponds to English /A.H./ WO 03/046536 INTERNATIONAL **Abstract** Only Α1 WO 03/046536 A1 06/05/2003 SONY Corresponds to English INTERNATIONAL JP 2005-510711 **Abstract** /A.H./ Only WO 2004/032191 A2 04/15/2004 NANOSYS, INC. English **Abstract** /A.H./ Only WO 2004/032193 A2 04/15/2004 NANOSYS, INC. **English Abstract** /A.H./ Only WO 02/080280 A1 10/10/2002 THE REGENTS OF **English** THE UNIVERSITY OF **Abstract** /A.H./ CALIFORNIA Only OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

INITIALS

CITE NO.

Duan, X., et al. "High-Performance Thin-Film Transistors Using Semiconductor Nanowires and Nanoribbons," Nature, Vol. 425, September 18 2003, pp. 274-278.

Chen, X., et al. "Electron Mobility Enhancement in Strained SiGe Vertical n-type Metaloxide-semiconductor Field-effect Transistors," American Institute of Physics, Vol. 78, No. 3, January 15, 2001, pp. 377-379.

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine,

EXAMINER /Andy Huynh/ (04/02/2009)

**EXAMINER'S** 

DATE CONSIDERED

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<sup>1</sup> Applicant's unique citation designation number (optional), 2 Applicant is to place a check mark here if English language Translation is attached.